



## PLBT 2200 SYLLABUS

<b>Course Number Course Name</b>	PLBT 2200 Mechanical Code
<b>Credit Value (Breakdown of theory and lab credits)</b>	2.5 (1 Theory and 1.5 Lab)
<b>Catalog Course Description</b>	In this course students will gain insight into the 2015 Uniform Mechanical Code and the 2015 New Mexico Mechanical Code. Regulations and guidelines for proper installation will be explored in preparation for the New Mexico State Gasfitters License for Journeyman Certification which is a requirement within this program. Topics covered include Administration; Definitions; General Regulations; Combustion air; Chimneys and vents; Installation of Specific appliances; Boilers and pressure vessels; Hydronics; and Fuel gas piping. Prerequisites: None
<b>Student Learning Outcomes/Objectives /Competencies of the Course</b>	<p>Student Learning Outcomes:</p> <ul style="list-style-type: none"> <li>• Correctly calculate and identify a confined space.</li> <li>• Correctly calculate vent connector sizing on boilers.</li> <li>• Correctly calculate for combustion air</li> <li>• Correctly calculate for a fuel gas piping system.</li> <li>• Obtain a state issued Journeyman Gasfitter License.</li> </ul>
<b>College-Wide Student Learning Outcomes</b>	<p><i>College Wide Student Learning Outcomes:</i></p> <p><i>Cultural Sustainability</i></p> <p><i>Critical Thought</i></p>